

A B S T R A C T

A DEVICE FOR FORMING, FOR MOVING, AND FOR DIFFUSING
CALIBRATED SMALL QUANTITIES OF LIQUID

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The invention relates to a device for diffusing drops of at least one liquid, the device being of the type comprising at least one liquid displacement path defined by a series of pairs of close-together surfaces (4a, 6a, ..., 14a) enabling liquid to be retained and to be displaced from one pair of surfaces to another. The device comprises:

• both a series of pairs of close-together surfaces (4a, 6a, ..., 14a) defining at least one displacement path, and co-operating to store the liquid, to form drops of liquid, and to move liquid drops to an outlet from said path leading towards a drop destination site; and

• electric field application means applying a determined sequence of electric fields between the pairs of close-together surfaces so as to form drops of liquid from the liquid storage, and to move and mix the drops of liquid to the drop outlet of said path.

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